

Figure 1  
King and Jeffries, PH-7171

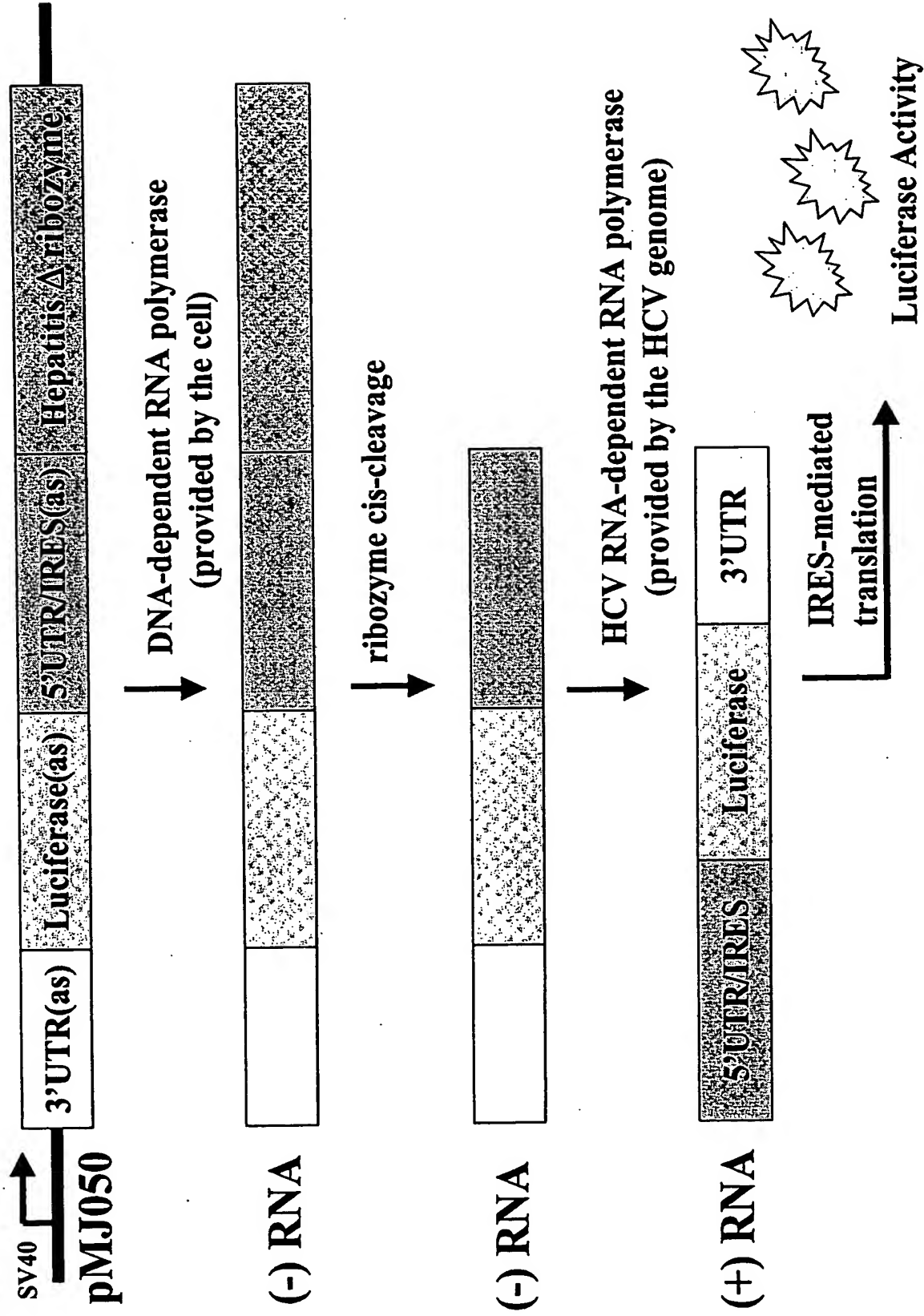
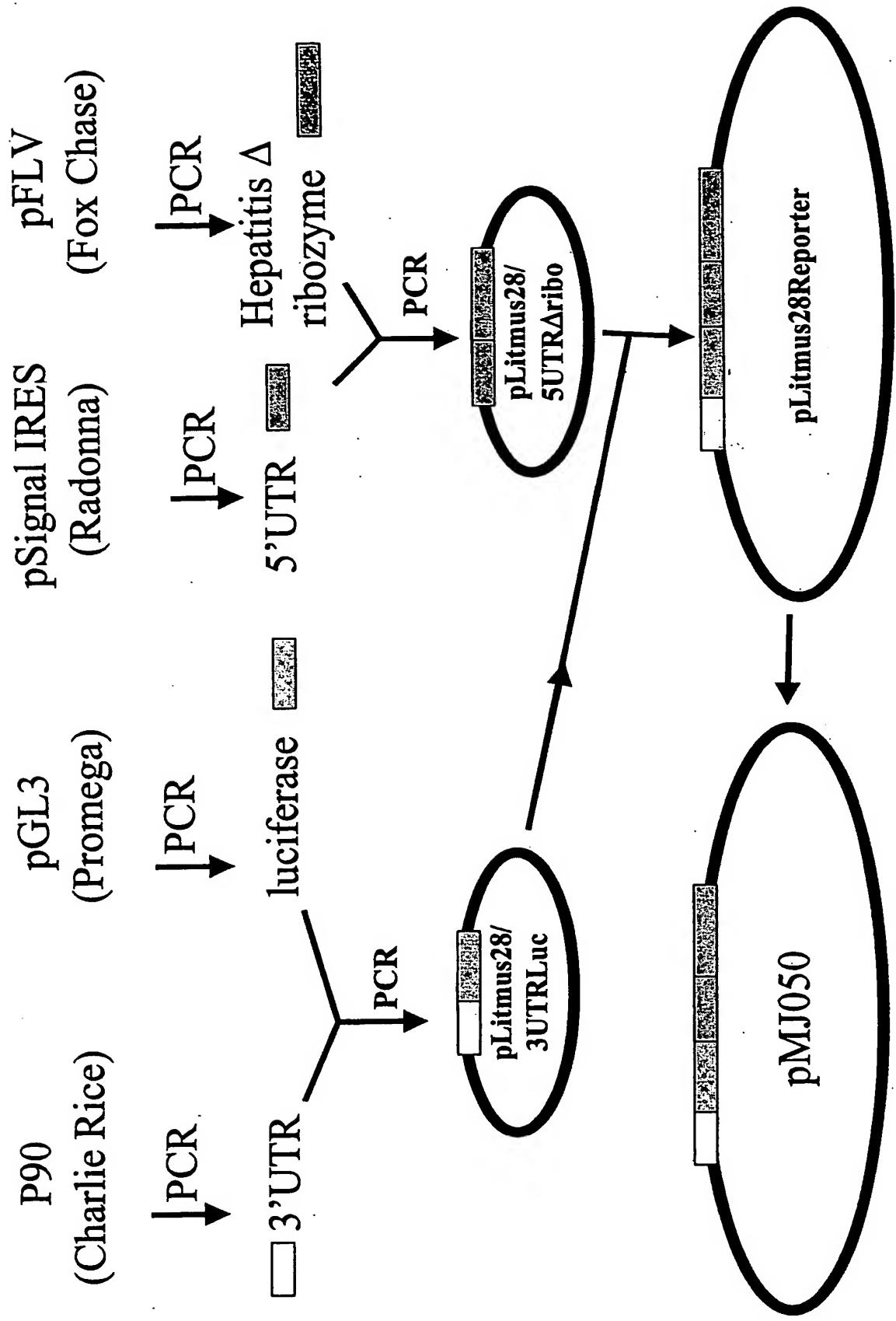


Figure 2  
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## **Nucleotide Sequence of pMJ050**

### SV40 promoter sequence

**3'UTR sequence (antisense)**

Numbers before and after each individual sequence refers to the base number in plasmid, pMJ050. To assemble the nucleotide sequence of pMJ050 as a whole, each individual sequence can be ordered numerically, starting with the SV40 promoter sequence.

### Luciferase sequence (antisense)

**5'UTR sequence (antisense)**

## Hepatitis delta virus ribozyme sequence (sense)

[illegible]

**pMJ050 plasmid backbone sequence**

[illegible]

Figure 4  
King and Jeffries, PH-7171

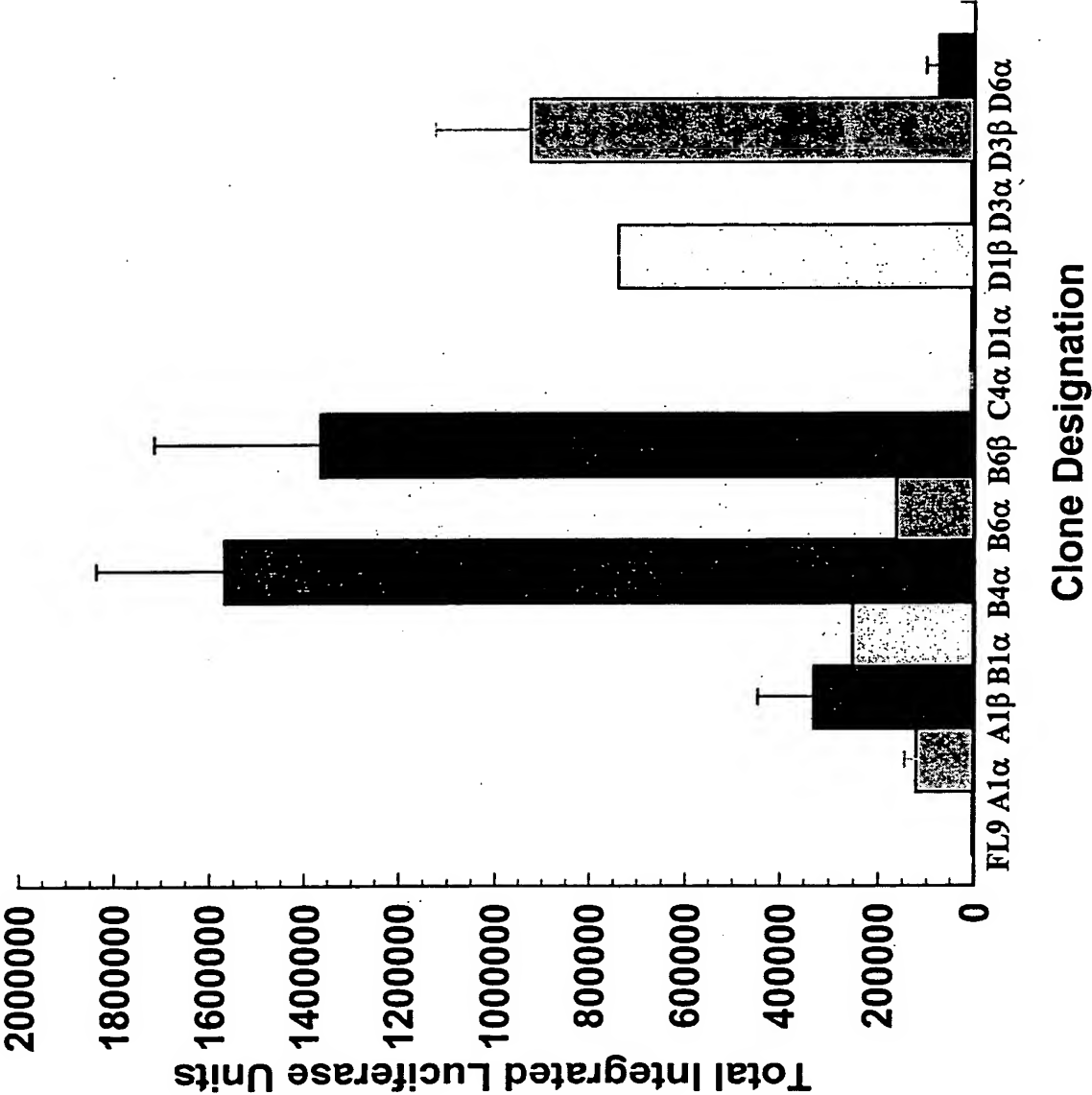
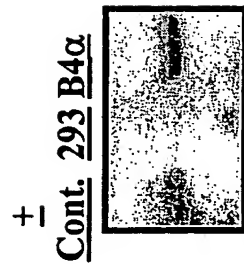
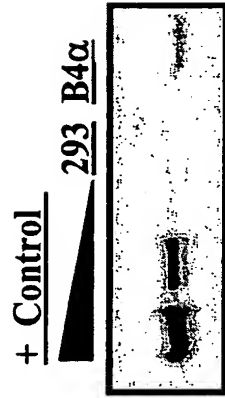


Figure 5  
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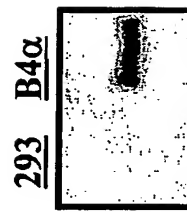
A. NS3 (HCV Serine Protease/Helicase)



B. NS5B (HCV RDRP)



C. HCV Core



D. Firefly Luciferase

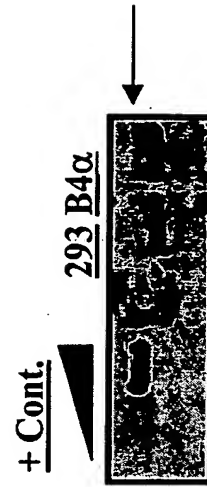
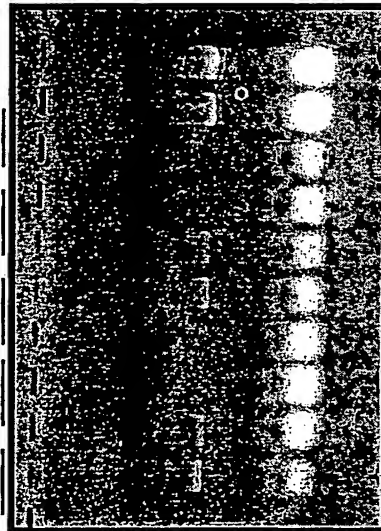


Figure 6  
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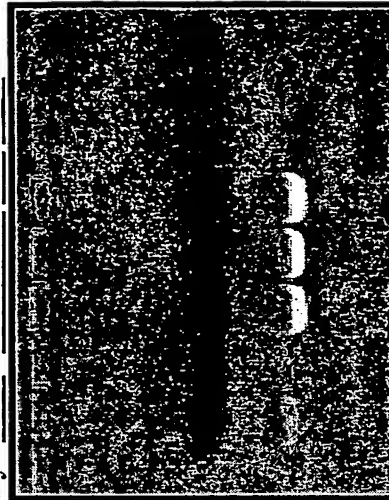
B4α and 293C5 Cell Line RNA

B4α Cell RNA

B4α Cells		Luciferase DNA
RNase treatment	- - + + - - - -	
DNase treatment	- - - - + + - -	
Reverse transcriptase	+ + + + + + - -	
Strand polarity*	A C A C A C A C A C	



B4α		Luciferase DNA
HCV genome	+ + - - - -	
pMJ050	+ + - - - -	
Strand polarity	A C C C A C/A C/A C	
293FL #9	C5	



1000 bp PCR  
product from  
luciferase gene →

\*(C) = coding sequence of luciferase gene,  
(A) = antisense sequence of luciferase gene,  
(C/A) = single tube RT-PCR; does not differentiate between coding and non-coding strand.